

CLAIMS

1. A label for use with a composite material comprising:
a carrier with magnetically doped ink indicia, wherein the label is integral with an object comprised of a composite material.
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2. The label of claim 1, wherein the label is placed between a first layer and second layer of the composite.
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3. The label of claim 1, wherein the carrier is a mesh.
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4. The label of claim 1, wherein the carrier is a porous woven mesh and a matrix of the composite impregnates the mesh.
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5. The label of claim 1, wherein the object is free of any visually discernable marks indicating the label.
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6. The label of claim 2, wherein the object is selected from the group consisting of:
automotive component, aerospace component, marine component, and aircraft component.
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7. The label of claim 1, wherein the label is embedded in the surface of the composite material using a resin material.
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8. The label of claim 7, wherein the resin is a heat curable resin.
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9. The label of claim 7, wherein the carrier is a mesh.
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10. The label of claim 7, wherein the carrier is a porous woven mesh and the resin impregnates the mesh.
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11. The label of claim 5, wherein the object is free of any visually discernable marks indicating the label.
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12. The label of claim 7, wherein the object is selected from the group comprising:
automotive component, aerospace component, marine component, and aircraft
component.
- 5 13. A label of claim 1 wherein the label is located on the inside of a closed container.
14. A label of claim 13 wherein the label is integral with an object in the container.
15. The method of claim 14 wherein the object is selected from the group consisting of:
automotive component, aerospace component, marine component, and aircraft
component.
16. A method of concealing data comprising the steps of:
obtaining a porous mesh carrier;
printing data on the carrier with magnetically doped ink; and
embedding the carrier into a composite material.
17. The method of claim 16, further comprising the steps of:
sandwiching the carrier between a first and second layer of the composite;
allowing a matrix of the composite material to flow into the mesh; and
bonding the mesh to the composite material,
while an object is being manufactured of the composite material.
18. The method of claim 17 wherein the object is selected from the group consisting of:
automotive component, aerospace component, marine component, and aircraft
component.
19. The method of claim 16 further comprising the steps of:
placing the carrier on the surface of the composite;
coating the carrier with a resin;
allowing the resin to flow into the mesh;
bonding the mesh to the composite material, and
manufacturing an object from the composite.

20. The method of claim 19, wherein the object is selected from the group consisting of: automotive component, aerospace component, marine component, and aircraft component.